Oct. 2, 1934. W. W. WOLFE 1,975,651

RACK

Filed Jan. 16, 1933

Fig. 3.

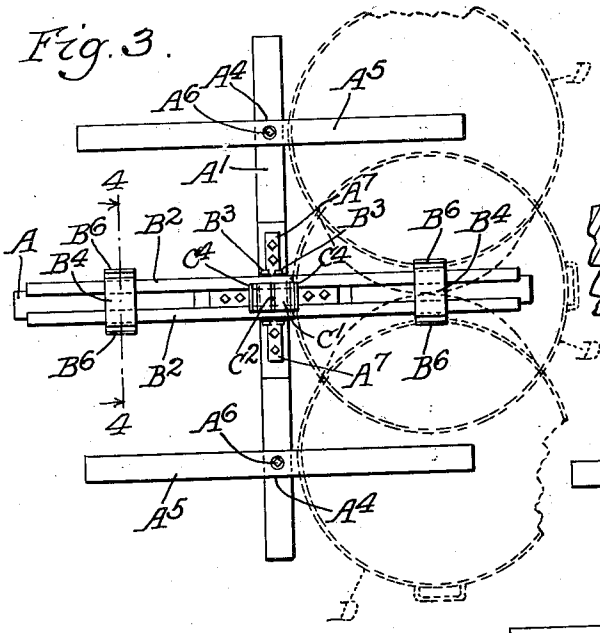


Fig. 5.

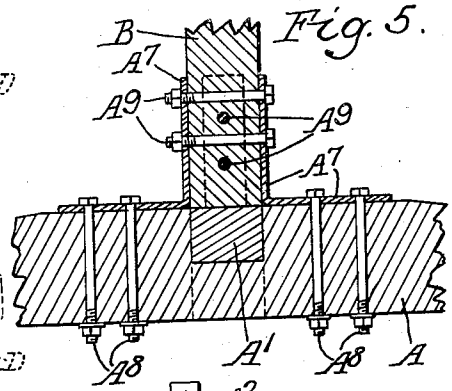


Fig. 2.

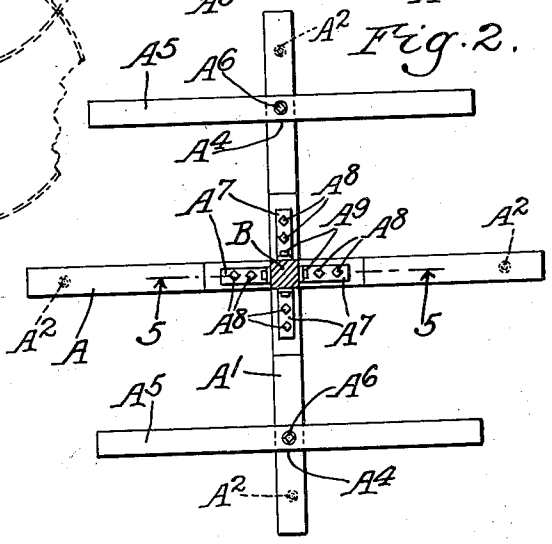


Fig. 1.

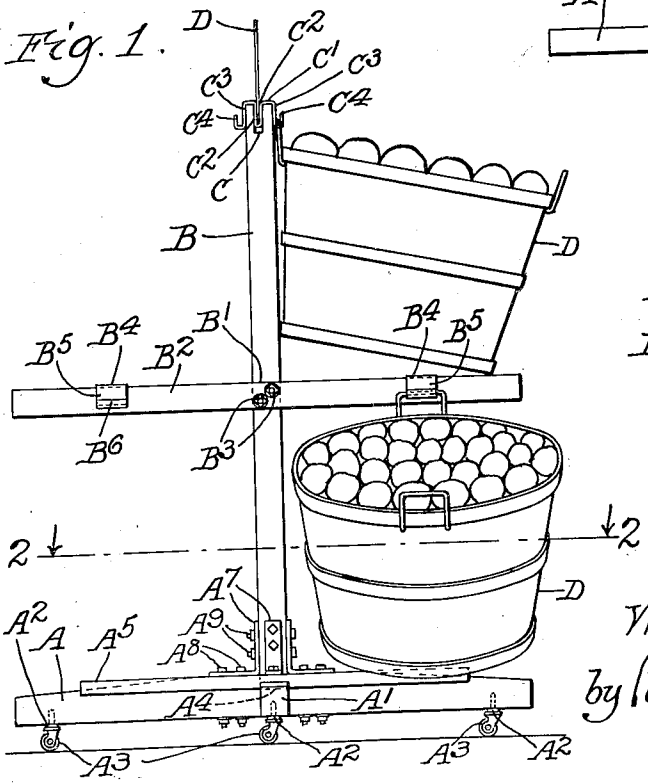
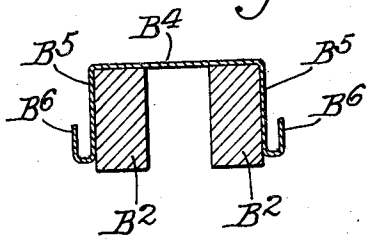


Fig. 4.



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UNITED STATES PATENT OFFICE

1,975,651

RACK

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Application January 16, 1933, Serial No. 651,949

3 Claims. (Cl. 211—71)

This invention relates to a rack. In one form it may be embodied in a rack designed for holding baskets. It has for one object to combine in a rack means for suspending baskets by their handles and for supporting them positively from below.

Another object is to provide a rack of this sort which is readily demountable. Another object is to provide means whereby a plurality of baskets may be grouped together for display and use with a minimum of floor space. Another object is to provide a combined basket support and display stand in which one of the basket-supporting members serves as a means for supporting a display card.

Other objects will appear from time to time in the specification and claims.

My invention is illustrated more or less diagrammatically in the accompanying drawing, wherein—

Figure 1 is a side elevation of the device;

Figure 2 is a sectional view, taken at line 2—2 of Figure 1, showing some parts in plan;

Figure 3 is a top plan view;

Figure 4 is a transverse sectional detail, taken at line 4—4 of Figure 3;

Figure 5 is a detail, taken at line 5—5 of Figure 2.

Like parts are designated by like characters in the specification and claims.

In the form shown, the rack is preferably made up so as to be readily demounted and it may be shipped "knocked down". This is a matter of convenience and is not an essential feature of the invention and the invention may be embodied in a structure which is permanently put together and not intended to be "knocked down".

A, A^1 are bottom members arranged to cross each other and to be fastened together. They may be notched, one above and the other below, so that they fit into each other in the manner shown generally in the figures and particularly in detail in Figure 5. The members A and A^1 thus form a cross-like base portion. This base could be formed otherwise and could be formed of four members, fastened together in any suitable manner. As a matter of convenience, and particularly for convenience in shipping, it is often useful to make the base as shown of two notched and mating members. Each of the members A, A^1 is provided with a seat member A^2 adapted to receive a caster A^3. The member A^1 may be notched adjacent each of its outer or free ends as at A^4 to receive a cross member A^5 which may be removably held in place by a bolt A^6 or by any other suitable fastening or attaching means. Preferably removably positioned upon the members A and A^1, adjacent their juncture, are four angle or bracket members A^7, A^7. These members are removably fastened to the portions A and A^1 by bolts A^8 or otherwise. Their upwardly extending portions co-operate to form in effect a socket as indicated generally in Figure 1 and more particularly in the sectional portion of Figures 2 and 5. Bolts or other fastening means A^9 may be removably inserted through the perforations in the upwardly extending portions of the angles A^7 and these bolts are used to secure in position the angular upright.

B is an upright member positioned or socketed between the angular members A^7 in the socket formed between them, and it is preferably perforated to receive the bolts A^9 which pass through the upwardly extending portions of the angles A^7 and through suitable holes formed in the bottom of the upright B. The upright might, of course, be otherwise held in position against displacement with respect to the angle members A^7. The upright B may be notched as at B^1 on each side to receive a pair of cross members B^2, B^2, which are removably held in position on the upright by bolts B^3, or by other attaching means. At their outer ends the cross members B^2 may support hook devices which comprise central portions B^4 and downwardly bent portions B^5. The hooks thus embrace, retain and hold together the ends of the cross members B^2, thus serving to strengthen them and prevent their displacement and to cause them more nearly to act as a unit. Fastened to the portions B^5 are upturned hook ends or parts B^6.

At its top the upright B is preferably slotted as at C. There is positioned upon the top of the upright, embracing it and extending into the slot C, a hook member which is composed of a portion C^1, which is downwardly bent as at C^2 to fit into the slot C and which is provided also with separated, downwardly bent portions C^3 which extend upon the outside of the upright. Fastened to the downwardly bent portions C^3 are upwardly facing hook parts C^4, one preferably on each side of the upright.

In the notch C^2 in the upper hook-carrying member C^1 a display card D is positioned. This may be of any size or shape and is used for designating or price marking, advertising or any other desirable or necessary marking. It may be a single or a multiple member.

It will be realized that whereas I have here-

with shown and described a practical operative device, nevertheless many changes might be made in the size, shape, number and disposition of parts, without departing from the spirit of my invention and I wish, therefore, that my showing be taken as in a sense diagrammatic. Particularly, although the device is shown as demountable or "knock-down", and although this is an advantage, it is not an essential feature and the other advantages of the device may be embodied in a structure permanently put together and not intended for separation or demounting. Whether made permanently or readily demountable, the device furnishes a compact means for supporting and displaying a plurality of baskets or other containers with a minimum of floor space and with a maximum of visibility, accessibility and general convenience of use and display.

The use and operation of my invention are as follows:

If the device is made "knock-down", it will usually be shipped to desired point of use in that position and then will be assembled. However made, when it is to be used, it is in the condition shown in the figures. Of course, the casters might be used or omitted. Ordinarily they are useful as a matter of convenience.

With the device set up as shown in the drawing, baskets may be supported upon it. They are indicated in dotted lines, four baskets on the lower level, one resting upon and supported by each end of each of the cross members A^5 and having its handle hooked in one of the hook portions B^6. Thus the cross members carry all or the major portion of the load of each basket and its contents, and the handle of each basket is engaged in a hook to prevent displacement and to hold the basket in proper location and in proper upright condition. Of course, some of the weight of the baskets may be carried by the hooks. The upper layer of baskets is supported by the cross members B^2, one basket resting upon each end of these members and having its handle caught in one of the hooks C^4. The parts may be so proportioned that the baskets which are supported on the cross members B^2 rest upon the hook members B^4 and thus hold them with additional security upon the cross members to prevent their displacement. While baskets with handles are shown, obviously many other forms of containers could be supported on the rack and they might not have handles and the hooks would engage other parts of the container. Binding or tying parts might be engaged or some part of the container itself might be positively engaged on the hook.

In the notch C^2 in the upper hook-carrying member C^1 a display card D is positioned. This may be of any size or shape and is used for designating or price marking or advertising or any other desired purpose and thus the upper hook-carrying member serves to carry the hooks, to furnish an attractive appearance for the upper end of the upright member and furnish a socket for the display or price card.

I claim:

1. In a supporting device, a pair of base members crossing each other and joined together, an upright member positioned upon the two base members, one of the base members carrying a plurality of supporting members, the upright member having positioned upon it a supporting member, said last mentioned supporting member carrying a hook-like article-engaging member the last mentioned supporting member being off-set in a vertical plane from the previously mentioned supporting members.

2. In a supporting device a pair of interlocked base members, crossing each other at right angles and joined together, an upright member positioned at their junction upon the two base members, one of the base members carrying a plurality of supporting members, these being generally parallel with the other base member, the upright member having positioned upon it a supporting member, positioned generally above and in alignment with one of the main base members, said last mentioned supporting member carrying a hook-like article-engaging member.

3. In a supporting device a pair of interlocked base members, crossing each other at right angles and joined together, an upright member positioned at their junction upon the two base members, one of the base members carrying a plurality of supporting members, these being generally parallel with the other base member, the upright member having positioned upon it a supporting member positioned generally above and in alignment with one of the main base members, said last mentioned supporting member carrying a hook-like article-engaging member, the upright member also carrying a hook-like article-engaging member.

WINBORN W. WOLFE.

CERTIFICATE OF CORRECTION.

Patent No. 1,975,651. October 2, 1934.

WINBORN W. WOLFE.

It is hereby certified that the assignee in the above numbered patent was erroneously written and printed as "Sherer-Gillette Company" whereas said name should have been written and printed as Sherer-Gillett Company, as shown by the records of the case in this office; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 30th day of October, A. D. 1934.

Leslie Frazer

(Seal) Acting Commissioner of Patents.